

# **TITLE V COMPLIANCE TRAINING**

## **WORKSHOP MANUAL**

**Stationary Source Program  
Air Quality Division  
Idaho Department of Environmental Quality  
May 2003**

# **TABLE OF CONTENTS**

Section 1	Introduction to Title V
Section 2	Tier I Monitoring Reports
Section 3	Tier I Annual Compliance Certification
Section 4	Case Study: Example Permit
Section 5	Case Study: Chronology of Events
Section 6	Case Study: Semiannual Report
Section 7	Case Study: Annual Compliance Certification
Section 8	DEQ Actions



# **CASE STUDY**

## **- Permit**



**Air Quality  
TIER I OPERATING PERMIT**  
**State of Idaho  
Department of Environmental Quality**

**PERMIT NO.:** T1-123456

**AIRS NO.:** 123-00045

**AQCR:** 064

**CLASS:** A

**SIC:** 1234

**ZONE:** 11

**UTM COORDINATE (km):** 500.0 , 5000.0

1. **PERMITTEE**  
Bogus Widget Co.

2. **PROJECT**  
Tier I Operating Permit

3. **MAILING ADDRESS**  
P.O. Box 1234

**CITY**  
Tealeaf

**STATE**  
ID

**ZIP**  
83123

4. **FACILITY CONTACT**  
Earl Grey

**TITLE**  
Plant Manager

**TELEPHONE**  
(208) 888-8888

5. **RESPONSIBLE OFFICIAL**  
Earl Grey

**TITLE**  
Plant Manager

**TELEPHONE**  
(208) 888-8888

6. **EXACT PLANT LOCATION**  
1234 Country Road, Tealeaf, Idaho

**COUNTY**  
Valley

7. **GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**  
Widget manufacturing

8. **PERMIT AUTHORITY**

This Tier I operating permit is issued pursuant to Idaho Code §39-115 and the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.300-386. The permittee shall comply with the terms and conditions of this permit.

This permit incorporates all applicable terms and conditions of prior air quality permits issued by the Idaho Department of Environmental Quality for the permitted source, unless the permittee emits toxic pollutants subject to state-only requirements pursuant to IDAPA 58.01.01.210, and the permittee elects not to incorporate those terms and conditions into this operating permit.

The effective date of this permit is the date of signature by the Department on the cover page.

\_\_\_\_\_  
**STEPHEN E. WEST, ADMINISTRATOR, AIR QUALITY DIVISION**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**

**DATE ISSUED:** June 8, 2002

**DATE EXPIRES:** June 8, 2007

## TABLE OF CONTENTS

TABLE OF CONTENTS .....	2
ACRONYMS, UNITS, and CHEMICAL NOMENCLATURE.....	3
1. TIER I OPERATING PERMIT SCOPE .....	4
2. FACILITY-WIDE CONDITIONS.....	5
3. EMISSIONS UNIT WB1: Boiler No. 1.....	12
4. EMISSIONS UNIT WD1: Dryer No. 1.....	14
5. EMISSIONS UNIT WT1: Material Handling Process.....	17
6. INSIGNIFICANT ACTIVITIES .....	19
7. TIER I OPERATING PERMIT GENERAL PROVISIONS .....	20

## ACRONYMS, UNITS, and CHEMICAL NOMENCLATURE

AQCR	Air Quality Control Region
ASTM	American Society for Testing and Materials
BWC	Bogus Widget Co.
CAA	Clean Air Act
CFR	Code of Federal Regulations
CO	carbon monoxide
Department	Department of Environmental Quality
EPA	U.S. Environmental Protection Agency
gr/dscf	grains per dry standard cubic feet
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
lb/hr	pounds per hour
MMBtu/hr	million British thermal units per hour
MMscf/hr	million standard cubic feet per hour
NAAQS	National Ambient Air Quality Standards
NO <sub>x</sub>	oxides of nitrogen
NSPS	New Source Performance Standards
O&M	Operations and Maintenance
PM	particulate matter
PM <sub>10</sub>	particulate matter with an aerodynamic diameter of ten micrometers or less
PTC	permit to construct
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO <sub>2</sub>	sulfur dioxide
TDS	total dissolved solids
T/d	tons-per-day
T/hr	tons-per-hour
T/mo	tons-per-month
T/yr	tons-per-year
U.S.C.	United States Code
UTM	Universal Transverse Mercator
VOC	volatile organic compounds

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456****Permittee:** Bogus Widget Co.**Facility (AIRS) No. 123-00045****Date Issued:** June 8, 2002**Location:** Tealeaf, Idaho**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

**1. TIER I OPERATING PERMIT SCOPE*****Purpose***

- 1.1 This Tier I operating permit establishes facility-wide requirements in accordance with the Idaho State Implementation Plan control strategy and the *Rules for the Control of Air Pollution in Idaho*.
- 1.2 This Tier I permit incorporates the following permit(s):
- PTC No. 123-00045, issued September 5, 1995
  - Tier II Operating Permit No. 123-00045, issued March 11, 2002

***Regulated Sources***

- 1.3 Table 1.1 lists all sources of emissions regulated in this Tier I operating permit.

**Table 1.1. REGULATED SOURCES**

Permit Section	Source Description	Emissions Control(s)
3	Boiler No. 1	None
4	Dryer No. 1	Scrubber No. 1
5	Material Handling Process	None / Baghouse No. 1

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456****Permittee:** Bogus Widget Co.**Facility (AIRS) No. 123-00045****Date Issued:** June 8, 2002**Location:** Tealeaf, Idaho**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

## 2. FACILITY-WIDE CONDITIONS

The following table contains a summary of requirements that apply generally to emissions units at the facility.

**Table 2.1. APPLICABLE REQUIREMENTS SUMMARY**

Permit Condition	Parameter	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring and Recordkeeping Requirements
2.1	Fugitive dust	Reasonable control	IDAPA 58.01.01.650-651	2.2-2.4, 2.17
2.5	Odors	No emissions of odorous gases, liquids, or solids	IDAPA 58.01.01.775-776	2.6, 2.17
2.7	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	2.8, 2.17
2.9	Excess emissions	Compliance with IDAPA 58.01.01.130-136	IDAPA 58.01.01.130-136	2.9.1-2.9.5, 2.17
2.10	Fuel oil sulfur content limit	ASTM Grade 1 – 0.3% by weight; ASTM Grade 2 – 0.5% by weight	IDAPA 58.01.01.728	2.10.1, 2.17
2.11	Open burning	Compliance with IDAPA 58.01.01.600-616	IDAPA 58.01.01.600-616	2.17
2.12	Renovation and demolition	Compliance with 40 CFR 61, Subpart M	40 CFR 61, Subpart M	2.17
2.13	Chemical accident prevention	Compliance with 40 CFR 68	40 CFR 68	2.17
2.14	Recycling and emissions reductions	Compliance with 40 CFR 82, Subpart F	40 CFR 82	2.17
2.15	Criteria air pollutants, opacity	Compliance testing	IDAPA 58.01.01.157	2.16, 2.17
2.16	Air quality standards	EPA reference test methods	IDAPA 58.01.01.157	2.15, 2.17

### ***Fugitive Dust***

- 2.1 All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651.  
**[IDAPA 58.01.01.650-651, 5/1/94]**
- 2.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.  
**[IDAPA 58.01.01.322.06, 07, 5/1/94]**
- 2.3 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.  
**[IDAPA 58.01.01.322.06, 07, 5/1/94]**



**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

- 2.4 The permittee shall conduct a monthly facility-wide inspection of potential sources of fugitive emissions during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each monthly fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

**Odors**

- 2.5 No person shall allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.

[IDAPA 58.01.01.775-776, 5/1/94]

- 2.6 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

[IDAPA 58.01.01.322.06, 07 (state-only), 5/1/94]

**Visible Emissions**

- 2.7 No person shall discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, nitrogen oxides, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this section.

[IDAPA 58.01.01.625, 4/5/00]

- 2.8 The permittee shall conduct a monthly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. The inspection shall consist of a see/no see evaluation for each potential source of visible emissions. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in its annual compliance certification and in accordance with IDAPA 58.01.01.130-136. The permittee shall maintain records of the results of each monthly visible emission inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

**Excess Emissions**

2.9 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions. The provisions of IDAPA 58.01.01.130-136 shall govern in the event of conflicts between Permit Condition 2.9 and the regulations of IDAPA 58.01.01.130-136.

2.9.1 The person responsible for or in charge of a facility during an excess emissions event shall, with all practicable speed, initiate and complete appropriate and reasonable action to correct the conditions causing the excess emissions event; to reduce the frequency of occurrence of such events; to minimize the amount by which the emission standard is exceeded; and shall, as provided below or upon request of the Department, submit a full report of such occurrence, including a statement of all known causes, and of the scheduling and nature of the actions to be taken.

**[IDAPA 58.01.01.132, 4/5/00]**

2.9.2 In all cases where startup, shutdown, or scheduled maintenance of any equipment or emission unit is expected to result or results in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.133.01(a) through (d), including, but not limited to, the following:

**[IDAPA 58.01.01.133, 4/5/00]**

- A prohibition of any scheduled startup, shutdown, or maintenance resulting in excess emissions shall occur during any period in which an Atmospheric Stagnation Advisory or a Wood Stove Curtailment Advisory has been declared by the Department.

**[IDAPA 58.01.01.133.01.a, 3/20/97]**

- Notifying the Department of the excess emissions event as soon as reasonably possible, but no later than two hours prior to, the start of the event, unless the owner or operator demonstrates to the Department's satisfaction that a shorter advance notice was necessary.

**[IDAPA 58.01.01.133.01.b, 4/5/00]**

- The owner or operator of a source of excess emissions shall report and record the information required pursuant to Permit Conditions 2.9.4 and 2.9.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event due to startup, shutdown, or scheduled maintenance.

**[IDAPA 58.01.01.133.01.c, 3/20/97]**

2.9.3 In all cases where upset or breakdown of equipment or an emissions unit, or the initiation of safety measures, results or may result in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.134.01(a) and (b) and the following:

**[IDAPA 58.01.01.134, 4/5/00]**

2.9.3.1 For all equipment or emissions units from which excess emissions result during upset or breakdown conditions, or for other situations that may necessitate the implementation of safety measures which cause excess emissions, the facility owner or operator shall comply with the following:

**[IDAPA 58.01.01.134.02, 4/5/00]**

- The owner or operator shall immediately undertake all appropriate measures to reduce and, to the extent possible, eliminate excess emissions resulting from the event and to minimize the impact of such excess emissions on the ambient air quality and public health.

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

**[IDAPA 58.01.01.134.02.a, 4/5/00]**

- The owner or operator shall notify the Department of any upset, breakdown, or safety event that results in excess emissions. Such notification shall identify the time, specific location, equipment or emissions unit involved, and (to the extent known) the cause(s) of the occurrence. The notification shall be given as soon as reasonably possible, but no later than 24 hours after the event, unless the owner or operator demonstrates to the Department's satisfaction that the longer reporting period was necessary.

**[IDAPA 58.01.01.134.02.b, 4/5/00]**

- The owner or operator shall report and record the information required pursuant to Permit Conditions 2.9.4 and 2.9.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event caused by an upset, breakdown, or safety measure.

**[IDAPA 58.01.01.134.02.c, 3/20/97]**

2.9.3.2 During any period of excess emissions caused by upset, breakdown, or operation under facility safety measures, the Department may require the owner or operator to immediately reduce or cease operation of the equipment or emissions unit causing the period until such time as the condition causing the excess has been corrected or brought under control. Such action by the Department shall be taken upon consideration of the factors listed in IDAPA 58.01.01.134.03 and after consultation with the facility owner or operator.

**[IDAPA 58.01.01.134.03 4/5/00]**

2.9.4 A written report for each excess emissions event shall be submitted to the Department by the owner or operator no later than 15 days after the beginning of such an event. Each report shall contain the information specified in IDAPA 58.01.01.135.02.

**[IDAPA 58.01.01.135.01 and 02, 3/20/97]**

2.9.5 The owner or operator shall maintain excess emissions records at the facility for the most recent five-calendar-year period. The excess emissions records shall be made available to the Department upon request and shall include the information requested by IDAPA 58.01.01.136.03(a) and (b) as summarized in the following:

**[IDAPA 58.01.01.136.01, 02, 3/20/97; IDAPA 58.01.01.136.03, 4/5/00]**

2.9.5.1 An excess emissions record book for each emissions unit or piece of equipment containing copies of all reports that have been submitted to the Department pursuant to IDAPA 58.01.01.135 for the particular emissions unit or equipment; and

**[IDAPA 58.01.01.136.03.a, 4/5/00]**

2.9.5.2 Copies of all startup, shutdown, and scheduled maintenance procedures and upset, breakdown, or safety preventative maintenance plans that have been developed by the owner or operator in accordance with IDAPA 58.01.01.133 and 134, and facility records as necessary to demonstrate compliance with such procedures and plans.

**[IDAPA 58.01.01.136.03.b, 3/20/97; IDAPA 58.01.01.130-136, 4/5/00  
(state-only, federally enforceable upon approval into the SIP); IDAPA 58.01.01.322.08.b, 3/23/98]**

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.  
**Location:** Tealeaf, Idaho

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002  
**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

***Sulfur Content***

2.10 No person shall sell, distribute, use, or make available for use any distillate fuel oil containing more than the following percentages of sulfur:

- ASTM Grade 1 fuel oil - 0.3% by weight.
- ASTM Grade 2 fuel oil - 0.5% by weight.

**[IDAPA 58.01.01.728, 5/1/94]**

2.10.1 The permittee shall maintain documentation of supplier verification of distillate fuel oil sulfur content on an as-received basis.

**[IDAPA 58.01.01.322.06, 5/1/94]**

***Open Burning***

2.11 The permittee shall comply with the *Rules for Control of Open Burning*, IDAPA 58.01.01.600-616.

**[IDAPA 58.01.01.600-616, 4/5/00]**

***Renovation/Demolition***

2.12 The permittee shall comply with all applicable portions of 40 CFR 61, Subpart M when conducting any renovation or demolition activities at the facility.

**[40 CFR 61, Subpart M]**

***Regulated Substances for Accidental Release Prevention***

2.13 An owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115, shall comply with the requirements of the Chemical Accident Prevention Provisions at 40 CFR 68 no later than the latest of the following dates:

- Three years after the date on which a regulated substance present above a threshold quantity is first listed under 40 CFR 68.130.
- The date on which a regulated substance is first present above a threshold quantity in a process.

**[40 CFR 68.10 (a)]**

***Recycling and Emissions Reductions***

2.14 The permittee shall comply with applicable standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, Recycling and Emissions Reduction.

**[40 CFR 82, Subpart F]**

***Compliance Testing***

2.15 If testing is required, the permittee shall provide notice of intent to test to the Department at least 15 days prior to the scheduled test or shorter time period as provided in a permit, order, consent decree, or by Department approval. The Department may, at its option, have an observer present at any emissions tests

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456****Permittee:** Bogus Widget Co.**Facility (AIRS) No. 123-00045****Date Issued:** June 8, 2002**Location:** Tealeaf, Idaho**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

conducted on a source. The Department requests such testing not be performed on weekends or state holidays.

All testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior Department approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by the Department for any testing deviations, the Department may determine that the testing does not satisfy the testing requirements. Therefore, prior to conducting any compliance test, the permittee is encouraged to submit in writing to the Department, at least 30 days in advance, the following for approval:

- The type of method to be used
- Any extenuating or unusual circumstances regarding the proposed test
- The proposed schedule for conducting and reporting the test

The permittee shall submit a compliance test report for the respective test to the Department within 30 days following the date in which a compliance test required by this permit is concluded. The compliance test report shall include all process operating data collected during the test period as well as the test results, raw test data, and associated documentation, including any approved test protocol.

The proposed test date(s), test date rescheduling notice(s), compliance test report, and all other correspondence shall be sent to the following address:

Air Quality Permit Compliance  
Department of Environmental Quality  
Boise Regional Office  
1445 North Orchard  
Boise ID, 83706-2239  
Phone: (208) 373-0550

Fax: (208) 373-0287

[IDAPA 58.01.01.157, 4/5/00; IDAPA 58.01.01.322.06, 08.a, 09, 5/1/94]

## Test Methods

- 2.16 If testing is required, the permittee shall use the test methods listed in Table 2.2 to measure the pollutant emissions.

**Table 2.2. EPA REFERENCE TEST METHODS**

Pollutant	Test Method *	Special Conditions
PM <sub>10</sub>	EPA Method 201.a EPA Method 202	
PM	EPA Method 5	
NO <sub>x</sub>	EPA Method 7	
SO <sub>2</sub>	EPA Method 6	
CO	EPA Method 10	
VOC	EPA Method 25	
Opacity	EPA Method 9	If an NSPS source, IDAPA 58.01.01.625 and Method 9; otherwise, IDAPA 58.01.01.625 only.

\* Or Department-approved alternative in accordance with IDAPA 58.01.01.157

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

***Monitoring and Recordkeeping***

- 2.17 The permittee shall maintain sufficient records to assure compliance with all of the terms and conditions of this operating permit. Records of monitoring information shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to Department representatives upon request.

**[IDAPA 58.01.01.322.07, 5/1/94]**

***Reports and Certifications***

- 2.18 All periodic reports and certifications required by this permit shall be submitted to the Department within 30 days of the end of each specified reporting period. Excess emissions reports and notifications shall be submitted in accordance with IDAPA 58.01.01.130-136. Reports, certifications, and notifications shall be submitted to:

Air Quality Permit Compliance  
Department of Environmental Quality  
Boise Regional Office  
1445 North Orchard  
Boise ID, 83706-2239  
Phone: (208) 373-0550 Fax: (208) 373-0287

The periodic compliance certification required by General Provision 21 shall also be submitted within 30 days of the end of the specified reporting period to:

EPA Region 10  
Air Operating Permits, OAQ-107  
1200 Sixth Ave.  
Seattle, WA 98101

**[IDAPA 58.01.01.322.08, 11, 5/1/94]**

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456****Permittee:** Bogus Widget Co.**Facility (AIRS) No. 123-00045****Date Issued:** June 8, 2002**Location:** Tealeaf, Idaho**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

**3. EMISSIONS UNIT WB1: BOILER NO. 1****Summary Description**

The following is a narrative description of the boiler regulated in this Tier I operating permit. This description is for informational purposes only.

Boiler No. 1 is fired by natural gas or No. 1 fuel oil and is used to supply steam to processes at the facility. This boiler was manufactured by Steam Engineering Corp., was installed in 1957, and has a steaming capacity of 200,000 pounds of steam per hour.

Table 3.1 describes the devices used to control emissions from the Boiler No. 1.

**Table 3.1. EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES**

Emissions Unit(s) / Process(es)	Emissions Control Device
Boiler No. 1	None

Table 3.2 contains only a summary of the requirements that apply to Boiler No. 1. Specific permit requirements are listed below Table 3.2.

**Table 3.2. APPLICABLE REQUIREMENTS SUMMARY**

Permit Conditions	Parameter	Permit Limit / Standard Summary	Applicable Requirements Reference	Monitoring and Recordkeeping Requirements
3.1	PM <sub>10</sub> , CO	Refer to Table 3.3	Tier II Operating Permit No. 123-00045	3.5, 3.6
3.2	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	3.5, 3.7
3.3	PM	0.015 gr/dscf at 3% oxygen; 0.050 gr/dscf at 3% oxygen	Tier II Operating Permit No. 123-00045; IDAPA 58.01.01.677	None required
3.4	Fuel-firing rate	Most recent Department-approved performance test	Tier II Operating Permit No. 123-00045	3.5, 3.6

**Permit Limits / Standard Summary**

- 3.1 The PM<sub>10</sub> and CO emissions from Boiler No. 1 shall not exceed any corresponding emissions rate limits listed in Table 3.3:

[IDAPA 58.01.01.322.01, 3/19/99; Tier II Permit No. 123-00045, 3/11/02]

**Table 3.3. BOILER NO. 1 EMISSIONS LIMITS**

Source Description / Unit Number	PM <sub>10</sub>		CO	
	lb/hr	T/yr	lb/hr	T/yr
Boiler No. 1 / WB1 (fuel oil)	18.5	49.7	19.4	80.0

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

- 3.2 The emissions from Boiler No. 1 stack, or any other stack, vent, or other functionally equivalent opening associated with Boiler No. 1, shall comply with Permit Condition 2.7.  
[IDAPA 58.01.01.625, 4/5/00; Tier II Permit No. 123-00045, 3/11/02]
- 3.3 The permittee shall not discharge PM to the atmosphere from Boiler No. 1 in excess of 0.015 gr/dscf of effluent gas corrected to 3% oxygen by volume for natural gas, or in excess of 0.050 gr/dscf of effluent gas corrected to 3% oxygen by volume for fuel oil.  
[IDAPA 58.01.01.677, 5/1/94; Tier II Permit No. 123-00045, 3/11/02]
- 3.4 The maximum allowable fuel oil-firing rate of Boiler No. 1 shall be limited to 120% of the average firing rate attained during the most recent performance test conducted pursuant to Permit Condition 3.5, for which Department approval has been granted, which demonstrated compliance with applicable pollutant emission limit(s), unless such a firing rate would cause emissions to exceed any emission limit(s) set forth in this permit.  
[IDAPA 58.01.01.322.01, 3/19/99; Tier II Permit No. 123-00045, 3/11/02]

**Compliance Testing**

- 3.5 Performance tests shall be conducted on Boiler No. 1, within one year of issuance of Tier II operating permit No. 123-00045, dated March 11, 2002, to demonstrate compliance with the emission limits for PM<sub>10</sub> and CO in Permit Condition 3.1 and for the PM emissions limit in Permit Condition 3.3. The test shall be performed while firing No. 1 fuel oil exclusively in the boiler.
- 3.5.1 The permittee shall conduct performance tests for CO, PM<sub>10</sub>, and PM using the test methods outlined in 40 CFR 60, Appendix A, or such comparable and equivalent method approved in accordance with IDAPA 58.01.01.157.
- 3.5.2 The permittee shall monitor and record the steam production rate and the firing rate of Boiler No. 1 during the performance tests.
- 3.5.3 A visible emissions evaluation shall be performed during each compliance test. The visible emissions evaluation shall be conducted in accordance with the procedures contained in IDAPA 58.01.01.625.  
[IDAPA 58.01.01.322.06, 07, 09, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00; Tier II Permit No. 123-00045, 3/11/02]

**Monitoring & Recordkeeping Requirements**

- 3.6 The permittee shall install, operate, calibrate, and maintain measuring device(s) to continuously monitor the fuel-firing rate of Boiler No. 1. The type of fuel fired shall be recorded each time the fuel type is changed. The average daily firing rate shall be recorded in gallons per hour. The gas-firing rate for each consecutive 12-month period shall be recorded in gallons per year. In the event the measuring device becomes inoperable, it shall be repaired or replaced as soon as practicable.  
[IDAPA 58.01.01.322.06, 07, 5/1/94; Tier II Permit No. 123-00045, 3/11/02]
- 3.7 The permittee shall comply with Permit Condition 2.8.  
[IDAPA 58.01.01.322.06, 07, 08, 5/1/94; Tier II Permit No. 123-00045, 3/11/02]



**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456****Permittee:** Bogus Widget Co.**Facility (AIRS) No. 123-00045****Date Issued:** June 8, 2002**Location:** Tealeaf, Idaho**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

**4. EMISSIONS UNIT WD1: DRYER NO. 1****Summary Description**

The following is a narrative description of Dryer No. 1 regulated in this Tier I operating permit. This description is for informational purposes only.

Dryer No. 1 is a direct-fired, rotary dryer, used to dehydrate raw widgets. The dryer is fired exclusively by natural gas, and exhaust gasses are passed through a spray-impingement scrubber prior to atmospheric release. The dryer was manufactured by Widgets Inc., installed in 1995, and has a rated capacity of 50 T/hr.

Table 4.1 describes the control devices used in controlling emissions from Dryer No. 1.

**Table 4.1. EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES**

Emissions Unit(s) / Process(es)	Emission Control Device
Dryer No. 1	One spray-impingement scrubber

The following table contains a summary of requirements that generally apply to Dryer No. 1. Specific permit requirements are listed below Table 4.2.

**Table 4.2. APPLICABLE REQUIREMENTS SUMMARY**

Permit Conditions	Parameter	Permit Limit / Standard Summary	Applicable Requirements Reference	Monitoring and Recordkeeping Requirements
4.1	PM <sub>10</sub> , CO	Refer to Table 4.3	Tier II Operating Permit No. 123-00045	4.6-4.9
4.2	PM	Process weight	IDAPA 58.01.01.701; Tier II Operating Permit No. 123-00045	4.6-4.9
4.3	Dryer throughput	50 T/hr and 438,000 T/yr	Tier II Operating Permit No. 123-00045	4.7
4.4	Scrubber operation	Refer to Permit Condition 4.4	Tier II Operating Permit No. 123-00045	4.8, 4.9

**Permit Limits / Standard Summary**

- 4.1 The PM<sub>10</sub> and CO emissions from Dryer No. 1 shall not exceed any corresponding emissions rate limits listed in Table 4.3:

[IDAPA 58.01.01.322.01, 3/19/99; Tier II Permit No. 123-00045, 3/11/02]

**Table 4.3. DRYER NO. 1 EMISSIONS LIMITS**

Source Description / Unit Number	PM <sub>10</sub>		CO	
	lb/hr	T/yr	lb/hr	T/yr
Dryer No. 1 / WD1	37.0	93.8	6.0	26.3

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.  
**Location:** Tealeaf, Idaho

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002  
**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

4.2 No person shall emit particulate matter to the atmosphere from any process or process equipment in excess of the amount shown in the following equations, where E is the total rate of emission from all emission points from the source in pounds per hour, and PW is the process weight rate in pounds per hour. The averaging period for this limit is one hour in accordance with IDAPA 58.01.01.700.03.

a. If PW is less than 9,250 lb/hr,

$$E = 0.045(PW)^{0.60}$$

b. If PW is greater than or equal to 9,250 lb/hr,

$$E = 1.10(PW)^{0.25}$$

**[IDAPA 58.01.01.701, 4/5/00; Tier II Permit No. 123-00045, 3/11/02]**

4.3 The maximum throughput rate of Dryer No. 1 shall not exceed 50 T/hr and 438,000 T/yr.

**[IDAPA 58.01.01.322.01, 3/19/99; Tier II Permit No. 123-00045, 3/11/02]**

4.4 The permittee shall operate the scrubber as specified below:

4.4.1 The water flow of the scrubber shall be maintained within the range of 25 to 250 gallons per minute;

4.4.2 The pressure drop across the scrubber shall be maintained within the range from 3 to 10 inches of water column;

4.4.3 The concentration of TDS in the recirculated water shall not exceed 18,000 mg/l of water;

4.4.4 Whenever the water flow rate to the scrubber are not within the allowable operating ranges specified above, the permittee shall take corrective action as expeditiously as practicable to bring the scrubber water flow rate back to the allowable range.

4.4.5 Whenever the total concentration of TDS in the recirculated water of the scrubber is above the allowable value, the permittee shall take corrective action as expeditiously as practicable to bring it below the allowable value. All deviations shall be reported in accordance with Permit Condition 2.9 and General Provision 25.

**[IDAPA 58.01.01.322.01, 3/19/99; Tier II Permit No. 123-00045, 3/11/02]**

4.5 At least once each year during a planned maintenance outage, or as needed during operation, the scrubber shall be inspected for physical degradation that could affect the performance of the control device. The permittee shall make all necessary repairs to the scrubber to ensure efficient operation.

**[IDAPA 58.01.01.322.01, 03/19/99]**

### **Compliance Testing**

4.6 Performance tests shall be conducted on Dryer No. 1, within one year of issuance of this permit, to demonstrate compliance with the emission limits for PM<sub>10</sub> in Permit Condition 4.1 and for the PM emissions limit in Permit Condition 4.2.

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

- 4.6.1 The permittee shall conduct performance tests for PM and PM<sub>10</sub> using the test methods outlined in 40 CFR 60, Appendix A, or such comparable and equivalent method approved in accordance with IDAPA 58.01.01.157.
- 4.6.2 A visible emissions evaluation shall be performed during each compliance test. The visible emissions evaluation shall be conducted in accordance with the procedures contained in IDAPA 58.01.01.625.
- 4.6.3 The process weight input shall be calculated using the operating data recorded during the performance test. Appropriate parameters and operating data used to calculate the process weight input must also be recorded for each compliance test run. These parameters and operating data include total dried widgets produced, dried widget moisture content, fuel heating value, fuel input per ton of dried widgets, quantity of additives, solids content of the additives, and throughput to Dryer No. 1.
- 4.6.4 The permittee shall collect a representative sample of recirculated water from the scrubber during each compliance test. The total concentration of TDS in the recirculated water sample shall be analyzed and recorded and expressed in microgram solids per liter of water.
- 4.6.5 The permittee shall record the pressure drop across the scrubber, water flow of the scrubber, and water pressure of sprays in Dryer No. 1.
- 4.6.6 If the PM measured during in the initial compliance test is less than or equal to 75% of the emission standards in Permit Condition 4.2, no further testing shall be required during this term of this permit. If the PM measured during the initial compliance test is greater than 75%, but less than or equal to 90%, of the emission standard in Permit Condition 4.2, a second test shall be required in the third year of the permit term. If the PM measured during the initial compliance test is greater than 90% of the emission standard in Permit Condition 4.2, the permittee shall conduct a compliance test annually.

[IDAPA 58.01.01.322.01, 3/19/99; IDAPA 58.01.01.322.06, 07, 5/1/94;  
IDAPA 58.01.01.322.08, 4/5/00]

***Monitoring & Recordkeeping Requirements***

- 4.7 The permittee shall continually monitor the widget input to Dryer No. 1. The average hourly input shall be calculated and recorded daily. The permittee shall calculate and record the average monthly amount of widgets input to Dryer No. 1 in T/mo. The monthly average shall be used to determine an annual amount recorded on a 12-month rolling basis. In the event the monitoring device(s) becomes inoperable, it shall be repaired or replaced as soon as practicable.
- 4.8 The permittee shall install, operate, calibrate, and maintain monitoring devices to continuously measure the scrubber water flow rate and pressure drop across the scrubber. The flow rate and pressure drop shall be recorded weekly. In the event the monitoring device(s) becomes inoperable, it shall be repaired or replaced as soon as practicable.
- 4.9 The permittee shall collect a representative sample of recirculated water from the scrubber monthly. The concentration of TDS in the recirculated water sample shall be analyzed and recorded. The result shall be expressed in microgram solids per liter of water.

[IDAPA 58.01.01.322.06, 07, 5/1/94; Tier II Permit No. 123-00045, 3/11/02]

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456****Permittee:** Bogus Widget Co.**Facility (AIRS) No. 123-00045****Date Issued:** June 8, 2002**Location:** Tealeaf, Idaho**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

**5. EMISSIONS UNIT WT1: MATERIAL HANDLING PROCESS****Summary Description**

The following is a narrative description of the material handling process regulated in this Tier I operating permit. This description is for informational purposes only.

Material handling involves the transfer of dried widgets from Dryer No. 1 to either a 66-ton capacity bin (for reintroduction to the dryer), or to the 200-ton widget final storage bin.

Table 5.1 describes the devices used to control emissions from the material handling process.

**Table 5.1. EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES**

Emissions Unit(s) / Process(es)	Emissions Control Device
Transfer of widgets to recycle storage bin	Uncontrolled
Transfer of the widgets from Dryer No.1 through the screws and into the final storage bin	Baghouse No. 1

Table 5.2 contains a summary of the requirements that apply to the material handling process. Specific permit requirements are listed below Table 5.2.

**Table 5.2. APPLICABLE REQUIREMENTS SUMMARY**

Permit Conditions	Parameter	Permit Limit / Standard Summary	Applicable Requirements Reference	Monitoring & Recordkeeping Requirements
5.1	PM <sub>10</sub>	1,6 lb/hr, 6.8 T/yr limits	Tier II Operating Permit No. 123-00045	5.7
5.2	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	Tier II Operating Permit No. 123-00045	2.8
5.3	Fugitive emissions	Reasonable control	Tier II Operating Permit No. 123-00045; IDAPA 58.01.01.650	2.2-2.4
5.4	PM	Process weight	IDAPA 58.01.01.702	None required
5.5	Final storage bin input	6 T/hr and 4575 T/yr	Tier II Operating Permit No. 123-00045	5.7

**Permit Limits / Standard Summary**

- 5.1 The PM<sub>10</sub> emissions from Baghouse No. 1 shall not exceed any corresponding emissions rate limits listed in Table 5.3:

[IDAPA 58.01.01.322.01, 3/19/99; Tier II Permit No. 123-00045, 3/11/02]

**Table 5.3. BAGHOUSE NO. 1 EMISSIONS LIMITS**

Source Description / Unit Number	PM <sub>10</sub>	
	lb/hr	T/yr
Baghouse No. 1 / WBH1	1.6	6.8

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

- 5.2 All emissions associated with material handling process shall comply with Permit Condition 2.7.  
[IDAPA 58.01.01.625, 4/5/00; Tier II Permit No. 123-00045, 3/11/02]
- 5.3 All fugitive emissions associated with material handling process shall comply with Permit Condition 2.1  
[IDAPA 58.01.01.650, 5/1/94; Tier II Permit No. 123-00045, 3/11/02]
- 5.4 No person shall emit into the atmosphere from any process or process equipment commencing operation prior to October 1, 1979, PM in excess of the amount shown by the following equations, where E is the allowable emissions from the entire source in pounds per hour, and PW is the process weight in pounds per hour.
- a. If PW is less than 17,000 lb/hr,  
$$E = 0.045(PW)^{0.6}$$
- b. If PW is equal to or greater than 17,000 lb/hr,  
$$E = 1.12(PW)^{0.27}$$
  
[IDAPA 58.01.01.702, 4/5/00 Tier II Permit No. 123-00045, 3/11/02]
- 5.5 The material handling process final storage bin shall receive no more than 6 tons of widgets per hour, and 4,575 tons of widgets per year.  
[IDAPA 58.01.01.322.01, 3/19/99; Tier II Permit No. 123-00045, 3/11/02]
- 5.6 At least once each year during a planned maintenance outage, or as needed during operation, Baghouse No. 1 shall be inspected for physical degradation that could affect the performance of the control device. The permittee shall make all necessary repairs to the baghouse to ensure efficient operation.  
[IDAPA 58.01.01.322.01, 3/19/99; Tier II Permit No. 123-00045, 3/11/02]

***Monitoring & Recordkeeping Requirements***

- 5.7 The permittee shall monitor and record daily the amount, in tons-per-hour (T/hr), of widgets transferred to the final storage bin. The permittee shall calculate and record the total monthly amount, in tons-per-month (T/mo), of widgets transferred to the final storage bin. The monthly total shall be used to determine an annual amount recorded on a 12-month rolling basis. In the event the monitoring device(s) becomes inoperable, it shall be repaired or replaced as soon as practicable.  
[IDAPA 58.01.01.322.06, 07, 5/1/94; Tier II Permit No. 123-00045, 3/11/02]

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456****Permittee:** Bogus Widget Co.**Facility (AIRS) No. 123-00045****Date Issued:** June 8, 2002**Location:** Tealeaf, Idaho**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

**6. INSIGNIFICANT ACTIVITIES**

Activities and emission units identified as insignificant under IDAPA 58.01.01.317.01(b) are listed in the Tier I operating permit to qualify for a permit shield.

**Table 6.1. INSIGNIFICANT ACTIVITIES**

<b>Description</b>	<b>Insignificant Activities IDAPA 58.01.01.317.01(b)(i) Citation</b>
Storage tanks and vessels with less than 260 gallon capacity with appropriate closures	IDAPA 58.01.01.317.01(b)(i)(1)
Storage tanks and vessels with less than 1,100 gallon capacity with appropriate closures, not for use with HAPs, and with a maximum vapor pressure of 550 mmHg	IDAPA 58.01.01.317.01(b)(i)(2)
Various natural gas-fired air makeup units rated less than 5 MMBtu/hr	IDAPA 58.01.01.317.01(b)(i)(5)
Diesel-fired emergency generators rated less than 1 MMBtu/hr	IDAPA 58.01.01.317.01(b)(i)(7)
Welding using less than 1 T/day	IDAPA 58.01.01.317.01(b)(i)(9)
Ink used to print on packaging using less than 2 gallons per day	IDAPA 58.01.01.317.01(b)(i)(12)
Various water-cooling towers that are non-process-contact coolers and not greater than 10,000 gallons per minute	IDAPA 58.01.01.317.01(b)(i)(13)
Water chlorination less than 20,000,000 gallons per day of water	IDAPA 58.01.01.317.01(b)(i)(16)
Natural gas, propane, or kerosene-fired space heaters rated less than 5 MMBtu/hr	IDAPA 58.01.01.317.01(b)(i)(18)
Cleaning and stripping activities and equipment using solutions with less than 1% VOCs by weight	IDAPA 58.01.01.317.01(b)(i)(26)
Storage and handling of water-based lubricants for metal working with an organic content of less than 10%	IDAPA 58.01.01.317.01(b)(i)(27)

- 6.1 There are no monitoring, recordkeeping, or reporting requirements for insignificant emission units or activities beyond those required in the Facility-wide Permit Conditions.

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

## **7. TIER I OPERATING PERMIT GENERAL PROVISIONS**

### ***General Compliance***

1. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.  
[IDAPA 58.01.01.322.15.a, 5/1/94; 40 CFR 70.6(a)(6)(i)]
2. It shall not be a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the terms and conditions of this permit.  
[IDAPA 58.01.01.322.15.b, 5/1/94; 40 CFR 70.6(a)(6)(ii)]
3. Any permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information.  
[IDAPA 58.01.01.315.01, 5/1/94; 40 CFR 70.5(b)]

### ***Reopening***

4. This permit may be revised, reopened, revoked and reissued, or terminated for cause. Cause for reopening exists under any of the circumstances listed in IDAPA 58.01.01.386. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable in accordance with IDAPA 58.01.01.360 through 369.  
[IDAPA 58.01.01.322.15.c, 5/1/94; IDAPA 58.01.01.386, 3/19/99; 40 CFR 70.7(f)(1) and (2); 40 CFR 70.6(a)(6)(iii)]
5. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.  
[IDAPA 58.01.01.322.15.d, 5/1/94; 40 CFR 70.6(a)(6)(iii)]

### ***Property Rights***

6. This permit does not convey any property rights of any sort, or any exclusive privilege.  
[IDAPA 58.01.01.322.15.e, 5/1/94; 40 CFR 70.6(a)(6)(iv)]

### ***Information Requests***

7. The permittee shall furnish all information requested by the Department, within a reasonable time, that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.  
[Idaho Code §39-108; IDAPA 58.01.01.122, 5/1/94; IDAPA 58.01.01.322.15.f, 4/5/00; 40 CFR 70.6(a)(6)(v)]
8. Upon request, the permittee shall furnish to the Department copies of records required to be kept by this permit. For information claimed to be confidential, the permittee may furnish such records along with a claim of confidentiality in accordance with Idaho Code §9-342A and applicable implementing regulations including IDAPA 58.01.01.128.  
[IDAPA 58.01.01.322.15.g, 5/1/94; IDAPA 58.01.01.128, 4/5/00; 40 CFR 70.6(a)(6)(v)]

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

**Severability**

9. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

**[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]**

**Changes Requiring Permit Revision or Notice**

10. The permittee may not commence construction or modification of any stationary source, facility, major facility, or major modification without first obtaining all necessary permits to construct or an approval under IDAPA 58.01.01.213, or complying with IDAPA 58.01.01.220 through 223. The permittee shall comply with IDAPA 58.01.01.380 through 386 as applicable.

**[IDAPA 58.01.01.200-223, 4/5/00; IDAPA 58.01.01.322.15.i and 380-386, 3/19/99; 40 CFR 70.4(b)(12), (14) and (15); 40 CFR 70.7(d) and (e)]**

11. Changes that are not addressed or prohibited by the Tier I operating permit require a Tier I operating permit revision if such changes are subject to any requirement under Title IV of the CAA, 42 U.S.C. Section 7651 through 7651c, or are modifications under Title I of the CAA, 42 U.S.C. Section 7401 through 7515. Administrative amendments (IDAPA 58.01.01.381), minor permit modifications (IDAPA 58.01.01.383), and significant permit modifications (IDAPA 58.01.01.382) require a revision to the Tier I operating permit. Clean Air Act section 502(b)(10) changes are authorized in accordance with IDAPA 58.01.01.384. Off-permit changes and required notice are authorized in accordance with IDAPA 58.01.01.385.

**[IDAPA 58.01.01.381-385, 3/19/99; IDAPA 58.01.01.209.05, 5/1/94; 40 CFR 70.4(b)(14) and (15)]**

**Federal and State Enforceability**

12. Unless specifically identified as a "state-only" provision, all terms and conditions in this permit, including any terms and conditions designed to limit a source's potential to emit, are enforceable: (i) by the Department in accordance with state law; and (ii) by the United States or any other person in accordance with federal law.

**[IDAPA 58.01.01.322.15.j, 5/1/94; 40 CFR 70.6(b)(1) and (2)]**

13. Provisions specifically identified as a "state-only" provision are enforceable only in accordance with state law. "State-only" provisions are those that are not required under the Federal Clean Air Act or under any of its applicable requirements or those provisions adopted by the state prior to federal approval.

**[Idaho Code §39-108; IDAPA 58.01.01.322.15.k, 3/23/98]**

**Inspection and Entry**

14. Upon presentation of credentials, the permittee shall allow the Department or an authorized representative of the Department to do the following:

- 14.1 Enter upon the permittee's premises where a Tier I source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;

- 14.2 Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;



**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002

**Location:** Tealeaf, Idaho

**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

- 14.3 Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- 14.4 As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

**[Idaho Code §39-108; IDAPA 58.01.01.322.15.i, 3/19/99; 40 CFR 70.6(c)(2)]**

***New Requirements During Permit Term***

15. The permittee shall comply with applicable requirements that become effective during the permit term on a timely basis.

**[IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.10.a.ii, 5/1/94; 40 CFR 70.6(c)(3) citing 70.5(c)(8)]**

***Fees***

16. The owner or operator of a Tier I source shall pay annual registration fees to the Department in accordance with IDAPA 58.01.01.525 through IDAPA 58.01.01.538.

**[IDAPA 58.01.01.322.15.n, 5/1/94; 40 CFR 70.6(a)(7)]**

***Certification***

17. All documents submitted to the Department shall be certified in accordance with IDAPA 58.01.01.123 and comply with IDAPA 58.01.01.124.

**[IDAPA 58.01.01.322.15.o, 5/1/94; 40 CFR 70.6(a)(3)(iii)(A); 40 CFR 70.5(d)]**

***Renewal***

- 18.1 The owner or operator of a Tier I source shall submit an application to the Department for a renewal of this permit at least 6 months before, but no earlier than 18 months before, the expiration date of this operating permit. To ensure that the term of the operating permit does not expire before the permit is renewed, the owner or operator is encouraged to submit a renewal application 9 months prior to the date of expiration.

**[IDAPA 58.01.01.313.03, 4/5/00; 40 CFR 70.5(a)(1)(iii)]**

- 18.2 If a timely and complete application for a Tier I operating permit renewal is submitted, but the Department fails to issue or deny the renewal permit before the end of the term of this permit, then all the terms and conditions of this permit including any permit shield that may have been granted pursuant to IDAPA 58.01.01.325 shall remain in effect until the renewal permit has been issued or denied.

**[IDAPA 58.01.01.322.15.p, 5/1/94; 40 CFR 70.7(b)]**

***Permit Shield***

19. Compliance with the terms and conditions of the Tier I operating permit, including those applicable to all alternative operating scenarios and trading scenarios, shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

- Such applicable requirements are included and are specifically identified in the Tier I operating permit; or

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.  
**Location:** Tealeaf, Idaho

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002  
**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

- The Department has determined that other requirements specifically identified are not applicable and all of the criteria set forth in IDAPA 58.01.01.325.01(b) have been met.

- 19.2 The permit shield shall apply to permit revisions made in accordance with IDAPA 58.01.01.381.04 (administrative amendments incorporating the terms of a permit to construct), IDAPA 58.01.01.382.04 (significant modifications), and IDAPA 58.01.01.384.03 (trading under an emissions cap).
- 19.3 Nothing in this permit shall alter or affect the following:
- 19.3.1 Any administrative authority or judicial remedy available to prevent or terminate emergencies or imminent and substantial dangers;
- 19.3.2 The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- 19.3.3 The applicable requirements of the acid rain program, consistent with 42 U.S.C. Section 7651(g)(a); and
- 19.3.4 The ability of EPA to obtain information from a source pursuant to Section 114 of the CAA; or the ability of the Department to obtain information from a source pursuant to Idaho Code §39-108 and IDAPA 58.01.01.122.

**[Idaho Code §39-108 and 112; IDAPA 58.01.01.122, 322.15.m, and 325, 5/1/94; IDAPA 58.01.01.381.04, 382.04, 383.05, 384.03, and 385.03, 3/19/99; 40 CFR 70.6(f)]**

***Compliance Schedule and Progress Reports***

- 20.1 For each applicable requirement for which the source is not in compliance, the permittee shall comply with the compliance schedule incorporated in this permit.
- 20.2 For each applicable requirement that will become effective during the term of this permit and that provides a detailed compliance schedule, the permittee shall comply with such requirements in accordance with the detailed schedule.
- 20.3 For each applicable requirement that will become effective during the term of this permit that does not contain a more detailed schedule, the permittee shall meet such requirements on a timely basis.
- 20.4 For each applicable requirement with which the permittee is in compliance, the permittee shall continue to comply with such requirements.
- [IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.9 and 10, 5/1/94; 40 CFR 70.6(c)(3) and (4)]**

***Periodic Compliance Certification***

21. The permittee shall submit compliance certifications during the term of the permit for each emissions unit to the Department and the EPA as follows:
- 21.1 Compliance certifications for all emissions units shall be submitted annually beginning 12 months from the permit issuance date, or more frequently if specified by the underlying applicable requirement or elsewhere in this permit by the Department;

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

**Permittee:** Bogus Widget Co.  
**Location:** Tealeaf, Idaho

**Facility (AIRS) No. 123-00045**

**Date Issued:** June 8, 2002  
**Date Expires:** June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

- 21.2 The compliance certification for each emissions unit shall address all of the terms and conditions contained in the Tier I operating permit that are applicable to such emissions unit including emissions limitations, standards, and work practices;
- 21.3 The compliance certification shall be in an itemized form providing the following information (provided that the identification of applicable information may cross-reference the permit or previous reports as applicable):
- 21.3.1 The identification of each term or condition of the Tier I operating permit that is the basis of the certification;
- 21.3.2 The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period, and whether such methods or other means provide continuous or intermittent data. Such methods and other means shall include, at a minimum, the methods and means required by this Tier I operating permit. If necessary, the owner or operator shall identify any other material information that must be included in the certification to comply with Section 113(c)(2) of the CAA which prohibits knowingly making a false certification or omitting material information;
- 21.3.3 The status of compliance with the terms and conditions of the permit for the period covered by the certification, based on the method or means designated in Paragraph 21.3.2 above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR 64 occurred;
- 21.3.4 Such other facts as the Department may require to determine the compliance status of the source.
- 21.4 All original compliance certifications shall be submitted to the Department and a copy of all compliance certifications shall be submitted to the EPA.

[IDAPA 58.01.01.322.11, 5/1/94; 40 CFR 70.6(c)(5)(iii) as amended;  
62 Fed. Reg. 54900 and 54946, 10/22/97; 40 CFR 70.6(c)(5)(iv)]

***False Statements***

22. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

***No Tampering***

23. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

***Semiannual Monitoring Reports***

24. In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six (6) months starting six (6) months from the date of permit issuance. All instances of deviations from this operating permit's requirements must be clearly identified in the report. All required reports must be certified in accordance with IDAPA 58.01.01.123.

[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-123456**

<b>Permittee:</b> Bogus Widget Co.	<b>Facility (AIRS) No. 123-00045</b>	<b>Date Issued:</b> June 8, 2002
<b>Location:</b> Tealeaf, Idaho		<b>Date Expires:</b> June 8, 2007

*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.*

***Reporting Deviations and Excess Emissions***

25. The permittee shall promptly report all deviations from permit requirements including upset conditions, their probable cause, and any corrective actions or preventive measures taken. For excess emissions, the report shall be made in accordance with IDAPA 58.01.01.130-136. For all other deviations, the report shall be made in accordance with IDAPA 58.01.01.322.08.c, unless otherwise specified in this permit.  
[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.135, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

***Permit Revision Not Required***

26. No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.  
[IDAPA 58.01.01.322.05.b, 4/5/00; 40 CFR 70.6(a)(8)]

***Emergency***

27. In accordance with IDAPA 58.01.01.332, an "emergency" as defined in IDAPA 58.01.01.008., constitutes an affirmative defense to an action brought for noncompliance with such technology-based emissions limitation if the conditions of IDAPA 58.01.01.332.02 are met.  
[IDAPA 58.01.01.332.01, 3/19/99; 40 CFR 70.6(g)]